31 U.S. PT

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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

| Attorney Docket No.    | R0170B-REG                                         |         |
|------------------------|----------------------------------------------------|---------|
| First Inventor         | James Patrick Dunn                                 | 0       |
| Title                  | Non-Nucleoside Reverse<br>Transcriptase Inhibitors | J.S. PT |
| Express Mail Label No. | EH 814 668 043 US                                  |         |

| APPLICATION ELEMENTS                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                    |                       | Mail Stop Patent Application Commissioner for Patents P.O. Box 1450                                                              |                                                                             |                                                                                                                                                                                                                                                                                                                                 |                            |        | 2258   |             |        |                         |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------|--------|-------------|--------|-------------------------|---|
| See MPEP chapter 600 concerning utility patent application contents.                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                    |                       |                                                                                                                                  |                                                                             | P.O. Box 1450<br>Alexandria VA 22313-1450                                                                                                                                                                                                                                                                                       |                            |        |        |             |        |                         |   |
| 1.  Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2.  Applicant claims small entity status. See 37 CFR 1.27. 3.  Specification Total Pages (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, |                                                                                                                                                                                                                                    |                       |                                                                                                                                  |                                                                             | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies |                            |        |        |             |        |                         |   |
|                                                                                                                                                                                                                                                                                                                                                                                                        | or a computer pro                                                                                                                                                                                                                  | gram listing appendix |                                                                                                                                  |                                                                             | ACCOMPANYING APPLICATIONS PARTS                                                                                                                                                                                                                                                                                                 |                            |        |        |             |        |                         |   |
| -<br>-                                                                                                                                                                                                                                                                                                                                                                                                 | <ul> <li>Background of the Invention</li> <li>Brief Summary of the Invention</li> <li>Brief Description of the Drawings ( if filed)</li> <li>Detailed Description</li> <li>Claim(s)</li> <li>Abstract of the Disclosure</li> </ul> |                       |                                                                                                                                  |                                                                             | 9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R. 3.73(b) Statement Power of (when there is an assignee) Attorney  11. English Translation Document (if applicable)                                                                                                                                                |                            |        |        |             |        |                         |   |
| 4. Drawing(s) (35 U.S.C.113) [Total Sheets]                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                    |                       |                                                                                                                                  |                                                                             | 12.                                                                                                                                                                                                                                                                                                                             | 12. Information Disclosure |        |        |             |        | Copies of IDS           | i |
| 5. Oath or I                                                                                                                                                                                                                                                                                                                                                                                           | Declaration                                                                                                                                                                                                                        | [Tota                 | al Sheets                                                                                                                        | s 2 1                                                                       | 13. 🗆                                                                                                                                                                                                                                                                                                                           |                            |        |        | nendment    | 9      | Citations               |   |
|                                                                                                                                                                                                                                                                                                                                                                                                        | Newly execute                                                                                                                                                                                                                      |                       |                                                                                                                                  |                                                                             | 14.                                                                                                                                                                                                                                                                                                                             |                            |        | •      | Postcard (  | MPEF   | P 503)                  |   |
| b. Copy from a prior application (37 CFR 1.63 (d))                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                    |                       |                                                                                                                                  |                                                                             | (Should be specifically itemized)                                                                                                                                                                                                                                                                                               |                            |        |        |             |        |                         |   |
| (for a continuation/divisional with Box 18 completed)                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                    |                       |                                                                                                                                  | 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) |                                                                                                                                                                                                                                                                                                                                 |                            |        |        |             |        |                         |   |
| i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76                                                                                                                                                                                                               |                                                                                                                                                                                                                                    |                       | 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other: |                                                                             |                                                                                                                                                                                                                                                                                                                                 |                            |        |        |             |        |                         |   |
|                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                    |                       |                                                                                                                                  |                                                                             |                                                                                                                                                                                                                                                                                                                                 |                            |        |        |             |        |                         |   |
|                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                    | CATION, check appro   |                                                                                                                                  | ox, and supply                                                              | the requisi                                                                                                                                                                                                                                                                                                                     | te info                    | rmatic | on bel | ow and in a | prelim | inary amendment,        |   |
| or in an Application Data Sheet under 37 CFR 1.76:  ☐ Continuation ☐ Divisional ☐ Continuation-in-part  Prior application information: Examiner                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                    |                       |                                                                                                                                  | (CIP) of prior application No: /                                            |                                                                                                                                                                                                                                                                                                                                 |                            |        |        |             |        |                         |   |
|                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                    | visional Application  |                                                                                                                                  |                                                                             |                                                                                                                                                                                                                                                                                                                                 |                            |        |        |             |        |                         |   |
| This Appli<br>March 24                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                    | the benefit unde      | r title 35                                                                                                                       | 5 U.S.C. 119                                                                | e) of U.S                                                                                                                                                                                                                                                                                                                       | S. Pro                     | ovisio | nal A  | pplication  | No.    | <b>60/457,130</b> filed |   |
|                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                    |                       | 19. C                                                                                                                            | ORRESPON                                                                    | DENCE A                                                                                                                                                                                                                                                                                                                         | DDRE                       | SS     |        |             |        |                         |   |
| ⊠ Custon                                                                                                                                                                                                                                                                                                                                                                                               | ☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☐ Correspondence address below                                                                                                          |                       |                                                                                                                                  |                                                                             |                                                                                                                                                                                                                                                                                                                                 |                            |        |        |             |        |                         |   |
| Mome                                                                                                                                                                                                                                                                                                                                                                                                   | Grant D. Gr                                                                                                                                                                                                                        | een                   |                                                                                                                                  |                                                                             |                                                                                                                                                                                                                                                                                                                                 |                            |        |        |             |        |                         |   |
| Name                                                                                                                                                                                                                                                                                                                                                                                                   | ROCHE PALO ALTO LLC                                                                                                                                                                                                                |                       |                                                                                                                                  |                                                                             |                                                                                                                                                                                                                                                                                                                                 |                            |        |        |             |        |                         |   |
|                                                                                                                                                                                                                                                                                                                                                                                                        | Patent Law Dept., M/S A2-250                                                                                                                                                                                                       |                       |                                                                                                                                  |                                                                             |                                                                                                                                                                                                                                                                                                                                 |                            |        |        |             |        |                         |   |
| Address 3431 Hillview Avenue                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                    |                       |                                                                                                                                  |                                                                             |                                                                                                                                                                                                                                                                                                                                 |                            |        |        |             |        |                         |   |
| City                                                                                                                                                                                                                                                                                                                                                                                                   | Palo Alto                                                                                                                                                                                                                          | O State               |                                                                                                                                  |                                                                             |                                                                                                                                                                                                                                                                                                                                 | CA Zij                     |        |        | p Code 943  |        | 304                     |   |
| Country                                                                                                                                                                                                                                                                                                                                                                                                | U.S.A. Telephone                                                                                                                                                                                                                   |                       |                                                                                                                                  |                                                                             | 650/ 855-5311 Fax 650/ 855-                                                                                                                                                                                                                                                                                                     |                            |        |        | 0/ 855-5322 |        |                         |   |
| Name (Print/Type) Brian L. Buckwalter, ph. 650/85                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                    |                       | 55-6995 Registration No. 46,58                                                                                                   |                                                                             |                                                                                                                                                                                                                                                                                                                                 | 46,585                     |        |        |             |        |                         |   |

Signature

Date

March 23, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Doc. #124122

032304

| FFF TDANCMITTAL                                                   | Complete if Known    |                             |  |  |  |  |  |
|-------------------------------------------------------------------|----------------------|-----------------------------|--|--|--|--|--|
| FEE TRANSMITTAL                                                   | Application Number   |                             |  |  |  |  |  |
| for FY 2004                                                       | Filing Date          | Application filed within    |  |  |  |  |  |
| Effective 01/01/2003. Patent fees are subject to annual revision. | First Named Inventor | James Patrick Dunn          |  |  |  |  |  |
| Applicant claims small entity status. See 37 CFR 1.27             | Examiner Name        |                             |  |  |  |  |  |
|                                                                   | Art Unit             |                             |  |  |  |  |  |
| TOTAL AMOUNT OF PAYMENT (\$) 1,320.00                             | Attorney Docket No.  | R0170B-REG                  |  |  |  |  |  |
| METHOD OF PAYMENT (check all that apply)                          |                      | FEE CALCULATION (continued) |  |  |  |  |  |
|                                                                   | 3 ADDITIONAL FEES    |                             |  |  |  |  |  |

| TOTAL AMOUN                                                                                                      | T OF PAYMENT                                          | (\$) 1,320.00               | Attorney Docket No. R0170B-REG |                             |                                                       |              |              |                                      |                                       |  |  |
|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------|--------------------------------|-----------------------------|-------------------------------------------------------|--------------|--------------|--------------------------------------|---------------------------------------|--|--|
| METHOD OF PAYMENT (check all that apply)                                                                         |                                                       |                             |                                | FEE CALCULATION (continued) |                                                       |              |              |                                      |                                       |  |  |
|                                                                                                                  |                                                       |                             |                                | 3. ADDITIONAL FEES          |                                                       |              |              |                                      |                                       |  |  |
| ☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None Order ☐ Deposit Account:                                            |                                                       |                             | Large Entity Small Entity      |                             |                                                       |              |              |                                      |                                       |  |  |
| Deposit Deposit                                                                                                  |                                                       |                             | Fee<br>Code                    | Fee<br>(\$)                 | Fee<br>Code                                           | Fee<br>(\$)  | Fee De       | scription                            | Fee Paid                              |  |  |
| Account                                                                                                          | 18-1700                                               |                             |                                | 1051<br>1052                | 130                                                   | 2051         | 65           | ~                                    | filing fee or oath                    |  |  |
| Number                                                                                                           |                                                       |                             |                                |                             | 50                                                    | 2052         | 25           | Surcharge - late<br>or cover sheet.  | provisional filing fee                |  |  |
| Account 3431 Hillview Avenue                                                                                     |                                                       |                             |                                | 1053                        | 130                                                   | 1053         | 130          | Non-English spe                      |                                       |  |  |
|                                                                                                                  |                                                       |                             |                                | 1812<br>1804                | 2,520                                                 | 1812         | 2,520        | • ,                                  | est for reexamination                 |  |  |
| Name Palo Alto, CA 94304                                                                                         |                                                       |                             |                                |                             | 920*                                                  | 1804         | 920*         | Examiner action                      | ication of SIR prior to               |  |  |
| The Director is authorized to: (check all that apply)  ☑ Charge fee(s) indicated below ☑ Credit any overpayments |                                                       |                             |                                | 1805                        | 1,840*                                                | 1805         | 1,840*       | Requesting publ<br>Examiner action   | ication of SIR after                  |  |  |
|                                                                                                                  | ional fee(s) that may licated below, except           |                             |                                | 1251                        | 110                                                   | 2251         | 55           | Extension for rep                    | ply within first month                |  |  |
| to the above-identific                                                                                           | ed deposit account.                                   | <del>-</del>                |                                | 1252                        | 410                                                   | 2252         | 205          | Extension for rep<br>month           | ply within second                     |  |  |
|                                                                                                                  | FEE CALCULA                                           | TION                        |                                | 1253                        | 930                                                   | 2253         | 465          | Extension for rep                    | ply within third month                |  |  |
| BASIC FILIN Large Entity Sn                                                                                      | G FEE<br>nall Entity                                  |                             |                                | 1254                        | 1,450                                                 | 2254         | 725          | Extension for rep<br>month           | ply within fourth                     |  |  |
| Fee Fee Fee                                                                                                      |                                                       | cription                    |                                | 1255                        | 1,970                                                 | 2255         | 985          | Extension for rep                    | ply within fifth month                |  |  |
| Code (\$) Co                                                                                                     |                                                       | Fee F                       |                                | 1401                        | 320                                                   | 2401         | 160          | Notice of Appea                      |                                       |  |  |
| 1001 770                                                                                                         | Utility fili                                          | ng fee 770                  | .00                            | 1402                        | 320                                                   | 2402         | 160          | -                                    | support of an appeal                  |  |  |
| 1002 330                                                                                                         | Design fi                                             | iling fee                   |                                | 1403                        | 280                                                   | 2403         | 140          | Request for oral                     | =                                     |  |  |
| 1003 520<br>1004 750                                                                                             | Plant filir<br>Reissue                                | -                           |                                | 1451                        | 1,510                                                 | 1451         | 1,510        | Petition to institu<br>proceeding    | ite a public use                      |  |  |
| 1005 160                                                                                                         |                                                       | nal filling fee             |                                | 1452                        | 110                                                   | 2452         | 55           | Petition to revive                   |                                       |  |  |
|                                                                                                                  |                                                       |                             |                                | 1453                        | 1,300                                                 | 2453         | 650          |                                      | ion to revive – unintentional         |  |  |
|                                                                                                                  | SUBTOTAL (1)                                          | (\$)770                     | 0.00                           | 1501                        | 1,300                                                 | 2501         | 650          | •                                    | ility issue fee (or reissue)          |  |  |
|                                                                                                                  |                                                       |                             |                                | 1502                        | 470                                                   | 2502         | 235          | Design issue fee                     | Plant issue fee                       |  |  |
| 2. EXTRA CLAIM FEES  Extra Fee from Fee                                                                          |                                                       |                             | ee                             | 1503<br>1460                | 630<br>130                                            | 2503<br>1460 | 315<br>130   | Petitions to the (                   | Commissioner                          |  |  |
|                                                                                                                  | Claims                                                | below F                     | aid                            | 1807                        | 50                                                    | 1807         | 50           |                                      | under 37 CFR 1.17 (q)                 |  |  |
| Total Claims 41                                                                                                  | -20 ** = 21                                           | X 18 = 3                    | 378.                           | 1806                        | 180                                                   | 1806         | 180          | •                                    | nformation Disclosure                 |  |  |
| Independent<br>Claims 5                                                                                          | -3 ** = 2                                             | X 86 = 1                    | 72.                            | 8021                        | 40                                                    | 8021         | 40           |                                      | patent assignment<br>nes number of    |  |  |
| Multiple                                                                                                         |                                                       | x = 0                       | )                              |                             |                                                       |              |              | properties)                          |                                       |  |  |
| Dependent  Large Entity                                                                                          | Small Entity                                          |                             |                                | 1809                        | 750                                                   | 2809         | 375          | Filing a submiss<br>(37 CFR § 1.129  | ion after final rejection<br>9(a))    |  |  |
| Fee Fee<br>Code (\$)                                                                                             | Fee Fee Fee Code (\$)                                 | Description                 |                                | 1810                        | 750                                                   | 2810         | 375          | For each addition<br>examined (37 Cl | nal invention to be<br>FR § 1.129(b)) |  |  |
| 1202 18                                                                                                          | Clair                                                 | ms in excess of 20          |                                | 1801                        | 750                                                   | 2801         | 375          | Request for Contin                   | ued Examination (RCE)                 |  |  |
| 1201 86                                                                                                          |                                                       | pendent claims in excess    |                                |                             | 900                                                   |              |              | Request for exped                    |                                       |  |  |
| 1203 280                                                                                                         |                                                       | tiple dependent claim, if n | •                              | 1802                        | 900 1                                                 | 1802         | 900          | of a design applic                   |                                       |  |  |
| 1204 84                                                                                                          | ** Reissue independent claims over<br>original patent |                             |                                |                             | e (sneci                                              | fv)          |              |                                      |                                       |  |  |
| 1205 18                                                                                                          | ** Re<br>over                                         | Other fee (specify)         |                                |                             |                                                       |              |              |                                      |                                       |  |  |
| SUBTOTAL (2) (\$) 550.                                                                                           |                                                       |                             |                                |                             | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0 |              |              |                                      |                                       |  |  |
| **or number previously paid, if greater; For Reissues, see above                                                 |                                                       |                             |                                |                             |                                                       |              |              |                                      |                                       |  |  |
| SUBMITTED BY                                                                                                     |                                                       |                             |                                |                             |                                                       |              |              | Com                                  | plete (if applicable)                 |  |  |
| Name (Print/Type) Brigin L. Buckyvalter Registra                                                                 |                                                       |                             |                                | ion No. 46,585 Telephone    |                                                       |              | Telephone    | 650/ 855-6995                        |                                       |  |  |
| Signature Min House                                                                                              |                                                       |                             |                                | Date March 2                |                                                       |              | March 23, 20 | 04                                   |                                       |  |  |